

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6584217").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/09/14 11:58
L2	2	((("6249593") or ("5717778")).PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/09/14 13:33
L3	66	optic\$4 same target\$4 same region same alternat\$4 same illuminat\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/14 13:34
S1	1	intensity same (master near2 clock) same (light\$4 or illuminat\$4) same skew same synchro\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/14 11:30
S2	1	("6249593").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/12 15:01
S3	1	("6584217").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/12 15:02
S4	1	S3 and (travers\$4 same different)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 15:07
S5	27	light same travers\$4 same path\$4 same air same reflect\$4 same different\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:47
S6	0	illuminat\$4 same intansit\$4 same (alternat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:49
S7	4703	illuminat\$4 same intensit\$4 same (alternat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:49
S8	2884	illuminat\$4 same intensit\$4 same (alternat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:49
S9	56	S8 same air	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:54
S12	8090	biologic\$4 and optic\$4 and specimen and molecular	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 18:06
S13	1809	S12 and illuminat\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:58
S14	5	S13 and hgg	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:58

S15	1313	S13 and blood	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:59
S16	977	S15 and reflect\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 17:59
S17	2	S16 and (travers\$4 same path\$4 same air)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/12/12 18:00
S18	182	(362/272).CCLS.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/12 18:06
S19	27	(362/575).CCLS.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/12/12 18:07
S20	1	("6584217").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/09/07 11:43
S21	1	("5717778").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/09/07 11:43

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IEEE JNL IEEE Journal or Magazine

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IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

- | | |
|--------------------------|---|
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Koul, V.; Anand, S.; Guha, S.K.;
Engineering in Medicine and Biology Society, 1995 and 14th Conference of the Engineering Society of India. An International Meeting, Proceedings of the Firs Conference., IEEE
15-18 Feb. 1995 Page(s):4/109 - 4/110
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Al-Mattarneh, H.M.A.; Ghodgaoankar, D.K.; Abdul Hamid, H.; Al-Fugara, A.; Al Research and Development, 2002. SCORed 2002. Student Conference on
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| <input type="checkbox"/> | 3. Quasi-distributed fibre-optic chemical sensing using telecom optical fibr
Murphy, V.; McCraith, B.D.; Butler, T.; McDonagh, C.; Lawless, B.;
Electronics Letters
Volume 33, Issue 7, 27 March 1997 Page(s):618 - 619
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| <input type="checkbox"/> | 4. Optical time-domain reflectometry (OTDR) of diameter modulations in sin
Hagemann, H.-J.; Ungelenk, J.; Wiechert, D.U.;
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Digital Object Identifier 10.1109/50.60559
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Frateschi, N.C.; Hummel, S.G.; Dapkus, P.D.;
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- ☐ **6. Performance of a distributed erbium-doped dispersion-shifted fiber amplifier**
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- ☐ **7. Distributed pH and water detection using fiber-optic sensors and hydrogels**
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- ☐ **8. Acoustic and optical sensors incorporating carbon nanotubes for detection of organic solvents**
 Penza, M.; Cassano, G.; Aversa, P.; Antolini, F.; Cusano, A.; Consales, M.; Giribaldi, L.; Nicolais, L.;
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- ☐ **9. Dielectric breakdown of SiO₂ thin films deposited by ion beam induced atomic layer enhanced CVD**
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- ☐ **10. Simulation of pipeline holiday detection by time domain reflectometry**
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- ☐ **13. A novel technique for optical fiber pH sensing based on methylene blue dye**

- ☐ Deboux, B.J.-C.; Lewis, E.; Scully, P.J.; Edwards, R.;
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- ☐ **14. Novel optoelectronic sensing system for thin polymer films glass transiti**
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- ☐ **15. Emissivity compensated pyrometry for specular silicon surfaces on the f**
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- ☐ **16. Fiber optics for atmospheric mine monitoring**
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- ☐ **18. Smart structures and applications in civil engineering**
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- ☐ **19. Measurement/computation of effective permittivity of dilute solution in s**
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- ☐ **20. Detection of solvents using distributed fibre optic sensor**
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- 21. Using biomedical sensor - reflectometry interference spectroscopy for ex**

- ☐ **biocompatibility of biomaterials**
 Lu Xiaoying; Huang Huifen; Huang Yan; Qian Weiping; Yuan Chunwei; Lu Zut
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- ☐ **22. In-situ CMP copper endpoint control system**
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- ☐ **23. Microwave measurement of density profiles in fluidized bed reactors with spatial resolution**
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- ☐ **24. A microwave method to measure unburnt coal content in ashes**
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- ☐ **25. Structure, chemistry, and electrical performance of silicon oxide-nitride-silicon**
 Levin, I.; Kovler, M.; Leapman, R.D.; Yoder, D.; Fischer, D.; Roizin, Y.;
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IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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☐ 26. A 3 sensor multipoint optical fibre water sensor utilising artificial neural recognition

Lyons, W.B.; King, D.; Flanagan, C.; Lewis, E.; Ewald, H.; Lochmann, S.;
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Dubanievicz, T.H.; Chilton, J.E.; Dobroski, H.;
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Selvan, B.; Green, R.J.;
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- ☐ **32. A novel technique for effectively determining SiGe film growth rates**
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- ☐ **33. Real-time monitoring of epitaxial growth**
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- ☐ **34. In-situ reflectance monitoring and characterization of GaN grown by MOC**
Jung Han; Biefeld, R.M.; Zolper, J.C.; Crawford, M.H.; Follstaedt, D.M.;
Vertical-Cavity Lasers, Technologies for a Global Information Infrastructure, W
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- ☐ **35. Application of optical fibre sensor for partial discharge detection in high-**
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Electrical Insulation and Dielectric Phenomena, 1996. IEEE 1996 Annual Repc
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- ☐ **36. Surface recombination velocity and lifetime in InP measured by transient**
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Bothra, S.; Tyagi, S.D.; Ghandhi, S.K.; Borrego, J.M.;
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- ☐ **37. Electrical conductivity and optical reflectivity of coal dust-rock dust-water**
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- ☐ **38. In situ optical monitoring of AIAs wet oxidation using a novel low-temper**
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Feld, S.A.; Loehr, J.P.; Sherriff, R.E.; Wiemer, J.; Kaspi, R.;
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